

FORM PTO-1449

U.S. Department of Commerce
Patent and Trademark OfficeAtty. Docket No.
P23701.P8Application No.
10/646,895

INFORMATION DISCLOSURE STATEMENT
BY APPLICANT
(Use additional sheets if necessary)

Applicant
Hiroshi NOMURAFiling Date
August 25, 2003Group
2851

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4 7 9 1 4 4 1	12/13/88	NISHI et al.			
	3 3 7 7 4 2 7	04/09/68	FISCHER			
	4 5 9 7 6 5 7	07/1/1986	WAKABAYASHI			
	5 7 1 5 4 8 2	02/03/98	WAKABAYASHI			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
8	11/29/94	JAPAN			
6	08/19/94	JAPAN			
10	09/25/98	JAPAN			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	1	English language Abstract of JP 8-313790.
	2	English language Abstract of JP 6-230263.
	3	English language Abstract of JP10-254054.
	4	English language Abstract of JP2003-149723.

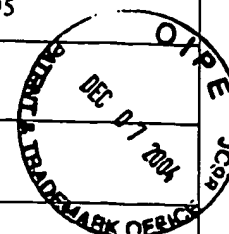
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CL AS S	SUBCLASS	FILING DATE IF APPROPRIATE
		4 9 5 2 9 5 5	08/28/90	IWATA et al.	1		
		4 9 3 7 6 0 9	06/26/90	WAKABAYASHI et al.	1		
		5 9 0 9 6 0 0	06/01/99	KOSAKO	1		
		4 5 4 5 6 6 1	10/08/85	HAMAGUCHI et al.	1		
		5 7 9 0 9 1 1	08/04/98	REIBL	1		
		5 7 9 0 9 0 7	08/04/98	REIBL	1		

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
		0 5 9 8 7 0 3	05/25/94	E.P.O	1		
	9	- 1 5 6 8 2	01/17/97	JAPAN	1		
		0 8 1 0 4 6 6	03/12/97	E.P.O	1		
		3 3 1 7 9 9 9	11/24/83	GERMANY	1		
	1	9 6 2 3 0 6 6	12/11/97	GERMANY	1		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	1	English language Abstract of JP 9-15682.

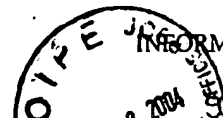
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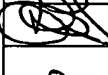
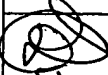

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLAS S	SUBCLASS	FILING DATE IF APPROPRIATE
	4 9 3 7 6 0 9	06/26/90	WAKABAYASI et al.			
	4 9 7 4 9 4 9	12/04/90	TANAKA			
	5 0 9 9 2 6 3	03/24/92	MATSUMOTO et al.			
	5 2 1 0 6 4 4	05/11/93	NOMURA			
	5 3 7 6 9 8 3	12/27/94	YAMAZAKI et al.			
	5 6 3 6 0 6 2	06/03/97	OKUYAMA et al.			
	5 8 7 0 2 3 2	02/09/99	TSUJI et al.			
	5 9 1 2 7 7 2	06/15/99	AOKI			
	5 9 2 6 3 2 2	07/20/99	IWASAKI			
	6 4 9 0 0 9 9	12/03/02	SASAKI			
	6 5 7 0 7 1 8	05/27/03	NOMURA et al.			
	6 6 1 1 6 6 3	08/26/03	NAKAGAWA			
	6 7 1 1 3 4 9	03/23/04	DIRISIO			
	6 7 5 7 4 8 9	06/29/04	NOMURA et al.			
	2001/ 0 0 1 7 7 3 8	08/30/01	NOMURA et al.			
	2002/ 0 1 8 1 9 5 3	12/05/02	ICHINOKAWA			
	2003/ 0 0 0 7 7 9 6	01/09/03	NOMURA et al.			
	6 6 6 5 1 2 9	12/16/03	NOMURA et al.			

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	1	An English language translation of Japanese Laid-Open Patent Publication No. 2002-277719, which was published on September 25, 2002.
	2	Pentax Press News, "Pentax Optio S", February 4, 2003, together with an English language translation of the same.
	3	Digital CAPA March 2003, Which was publicly released on February 20, 2003, together with an English language translation of the same.
	4	Pentax News Release, "A High-Quality Zoom Lens Digital Camera so Small that it Fits into a Tin of Altoids", January 8, 2003.

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